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Title: Glass Fiber-Reinforced Latex Modified Concrete

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Abstract:
For field installation of latex modified concrete (LMC) overlay, mobile mixers are required due to the short allowable working time. When fibers are incorporated into the mixture, however, it's difficult to obtain consistent fiber distribution. To overcome this difficulty, a fiber feeder system has recently been developed that chops continuous alkali-resistant glass fiber rovings to the desired length and discharges them directly onto the other ingredients before they are mixed. Test results for mixtures produced using the new system show that fiber-reinforced LMC can be successfully produced.

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